

ThinkPad T440p Platform Specifications

Product Specifications Reference (PSREF)

Positioning	Mainstream performance; two spindles								Audio support	HD Audio, Realtek® ALC3232 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack	
Processor	4th Generation Intel® Core™ i3 / i5 / i7 Processor								Chipset	Mobile Intel QM87 Express Chipset	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Speed	Processor Graphics	Smart card reader	Optional: Smart card reader	
	i3-4000M	2	4	2.4 GHz	-	3MB	DDR3L-1600	Intel HD Graphics 4600	Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)	
	i3-4100M			2.5 GHz	-	3MB			Ports	Two USB 3.0, two USB 2.0 (one Always On), VGA, Mini DisplayPort, Ethernet (RJ-45), Dock connector	
	i5-4200M			2.5 GHz	3.1 GHz	3MB			WLAN ⁴	One of the following, configurable by model: <ul style="list-style-type: none">ThinkPad 11b/g/n, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 cardIntel Wireless-N 7260, 2x2, Wi-Fi + BT combo adapter, M.2 cardIntel Dual Band Wireless-N 7260, 2x2, Wi-Fi + BT combo adapter, M.2 cardIntel Dual Band Wireless-AC 7260, 2x2, Wi-Fi + BT combo adapter, M.2 card	
	i5-4210M			2.6 GHz	3.2 GHz	3MB					
	i5-4300M			2.6 GHz	3.3 GHz	3MB					
	i5-4330M			2.8 GHz	3.5 GHz	3MB					
	i7-4600M	2.9 GHz	3.6 GHz	4MB	WWAN (optional)	One of the following, configurable by model (mutually exclusive with M.2 SSD): <ul style="list-style-type: none">Wireless WAN upgradableWireless WAN, Sierra Wireless EM7355, Qualcomm® Gobi™ 4G LTE/ HSPA+/EVDO/GSM/GPRS/EDGE, GPS, M.2 card (US models)Wireless WAN, Ericsson® N5321, HSPA+ 21Mbps/GSM/GPRS/EDGE, GPS, M.2 card (WE models)Wireless WAN, Sierra Wireless EM7345, Intel 4G LTE/HSPA/GSM/GPRS/EDGE, GPS, M.2 card (WE models)					
	i7-4700MQ	2.4 GHz	3.4 GHz	6MB							
i7-4710MQ	2.5 GHz	3.5 GHz	6MB								
i7-4800MQ	2.7 GHz	3.7 GHz	6MB								
i7-4810MQ	2.8 GHz	3.8 GHz	6MB								
i7-4900MQ	2.8 GHz	3.8 GHz	8MB								
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets								SIM card (optional)	One of the following, configurable by model: <ul style="list-style-type: none">AT&T® or Verizon® LTE (4G), contract required with service provider (US models)Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required (WE models)User selectable, contract required with service provider	
Optical Ultrabay	DVD burner, 9.5mm Ultrabay slim, removable One modular bay for removable devices (right side, cold swap), 9.5mm high, bottom access								Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter	
Storage	Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: Hard Disk Drive (HDD) / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, Active Protection System™ All: removable, upgradable, supports the second disk, Shock Mounted Some: M.2 Solid State Drive (SSD), via M.2 card slot, exclusive with WWAN card								Ethernet	Intel Ethernet Connection I217-LM (Clarkville)	
M.2 SSD									NFC	Optional: Near Field Communication	
Widescreen display	Some: 14.0" (355mm) HD (1366x768) , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) , anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio Some: 14.0" (355mm) FHD (1920x1080) , anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, IPS								Security	Power-on password, hard disk password, supervisor password, security keyhole	
Camera (optional)	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus								Security chip	Trusted Platform Module, TCG 1.2-compliant	
Graphics	Intel HD Graphics 4600 in processor only, or Intel HD Graphics 4600 in processor and NVIDIA GeForce® GT 730M, PCI Express® x8, 1GB memory, NVIDIA® Optimus™ technology; supports external analog monitor via VGA and digital monitor via Mini DisplayPort; supports three independent displays; Max resolution: 1920x1200@60Hz (VGA); 3840x2160@60Hz (DP via mDP cable)								vPro (optional)	Intel vPro Technology	
Keyboard UltraNav™	6-row, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device and Mylar surface touchpad, integrated five buttons, multi-touch								Fingerprint reader	Optional: Fingerprint reader on the keyboard bezel, swipe sensor	
ThinkLight™	None								Limited warranty ¹²	One of the following, configurable by model: <ul style="list-style-type: none">1-year depot repair service3-year/1-yr battery depot repair service3-year/1-yr battery limited onsite service²⁴3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)	
Dimensions ³	14.0W" (WxDxH): 13.2" x 9.02" x 1.10-1.18"; 335mm x 229.1mm x 27.9-29.95mm								Preload	Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 / 8.1 Pro 64-bit or Windows 10 Pro 64	Some: Windows 8 / 8.1 64-bit Some: Windows 8 / 8.1 Pro 64-bit Some: Windows 10 Pro 64
Weight ²	Models	6-cell		9-cell							
	Integrated	4.70 lb / 2.14kg		4.92 lb / 2.23kg							
	Optimus	4.77 lb / 2.16kg		5.10 lb / 2.31kg							
Case material	Display cover: Glass-Fiber Reinforced Plastic; Bottom: Carbon-Fiber Reinforced Plastic										
Battery type	Li-Ion 6-cell (56Wh) or 9-cell (99.9Wh), HW Authentication										
Max battery life ¹⁰	Models	6-cell		9-cell							
	Integrated	7.4 hr		13.2 hr							
	Optimus	7.2 hr		12.7 hr							
AC adapter	Models	dual-core		quad-core							
	Integrated	65-watt		90-watt							
	Optimus	90-watt		135-watt							